

# Heitor Gouvêa

Information Security Researcher

613, Professora Alayde  
Toledo, Jardim  
Esmeraldina  
Campinas - São Paulo  
(19) 991 891 355  
hi@heitorgouvea.me

## SUMMARY

I am an Information Security Researcher, working on projects that help people, organizations and companies take control of their own security.

My work is focused on understanding threat models, analyzing existing applications and building intelligent tools to combat current and future security risk for both individuals or groups.

I have audited high profile websites for security vulnerabilities and have managed and worked in teams of software developers and computer scientists delivering high security architectures.

I have experience developing in a wide array of programming languages including: Shell Script, JavaScript, Perl and Mojo Framework.

I have knowledge of telecommunication and internet protocols including, but not limited to: TCP/IP, UDP, HTTP, FTP, SSH, SMTP and Telnet.

When I am not doing any of that stuff I run a range of open source software projects:  
<https://github.com/GouveaHeitor>

## EXPERIENCE

### *Security and Development Analyst*

Horizon Four

12/2017 - PRESENT

I acted providing consulting in the field of information security offensive to institutions, private companies and governmental organizations. My work was focused on writing business proposal models, confidentiality and reports, and understanding threat models, analyzing existing applications and building intelligent tools to combat current and future security risk for both individuals or groups. In addition to ministering trainings about Information Security like: awareness, tools and techniques.

### *Information Technology Trainee*

IMA - Computer Associates Municipalities S/A

04/2016 - 11/2017

I participated in the trainee program in order to be trained and prepared to assume strategic positions in the future. During the trainee process I worked directly with clients understanding their problems and later proposing some solutions, developing, performing vulnerability analyzes and maintaining Government Systems that used technologies like: PHP 7, Symfony Framework, JavaScript, CoffeeScript, Doctrine, MySQL, Twig, Ruby On Rails and others technologies..

## CERTIFICATIONS

### SFC - Scrum Fundamentals Certified

License Number: 563905

The purpose of the exam is to confirm you have basic understanding of the Scrum.

## TECHNICAL SKILLS

**Front-end:** HTML5, CSS3, MaterializeCSS, Sass, JavaScript, TypeScript and AngularJS

**Back-end:** Shell Script, Perl and Mojo Framework

**Database:** MySQL and MongoDB

**Tools:** Bower, Git, Npm, Jekyll, Grunt and Docker

**Information Security:** cryptography, cryptanalysis, vulnerability analysis and penetration testing

**Agile Methods:** Scrum and Extreme Programming

**Network:** TCP/IP, UDP, HTTP, FTP, SSH, SMTP and Telnet

**Mobile development:** Progressive Web Apps

**Others:** Web performance, SEO, Responsive Design, Cross-browser, Design Patterns, OOP, UML and Linux Administration

## LANGUAGES

**Portuguese:** native proficiency

**English:** limited working proficiency